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PATENT Attorney Docket No. RVI-003 (9686/6)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:

Rowan et al.

CONFIRMATION NO.:

9566

SERIAL NO.:

10/780,004

GROUP NO.:

2171

FILING DATE:

February 17, 2004

EXAMINER:

Not yet assigned

TITLE:

VIRTUAL DATA STORE CREATION AND USE

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any documents referred to as enclosed herein, are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 8th day of December, 2004.

Alison R. Sher

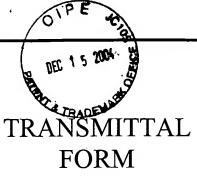
Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Submitted herewith are:

- 1. Transmittal Form (1 pg.);
- 2. Supplemental Information Disclosure Statement (3 pgs.);
- 3. Form PTO-1449 (12 pgs.);
- 4. Copies of Cited References B1-B9 and C1-C32; and
- 5. Return Receipt Postcard.

3147505.



| Application Serial Number | 10/780,004 |
|---------------------------|-------------------|
| Filing Date | February 17, 2004 |
| First Named Inventor | Rowan |
| Group Art Unit | 2171 |
| Examiner Name | Not yet assigned |
| Attorney Docket No. | RVI-003 |
| Patent No. | Not applicable |
| Issue Date | Not applicable |

| | | | Patent No. | | Not a | pplicable | | |
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| | • | | Issue Date | | Not a | pplicable | | |
| | | ENG | CLOSURES (ci | heck all that apply) | | | | |
| ☐ F | ee Transmittal Form | | Copy of Notic Parts of Appli | | | Notice of Appeal to Board of Patent Appeals and Interferences | | |
| | ☐ Check Attached ☐ Copy of Fee Transmittal Form | | Formal Drawin | ng(s) | | Appeal Brief (in triplicate) | | |
| | Amendment/Response / Preliminary | | Request For C Examination (Transmittal | | | Status Inquiry | | |
| | ☐ After Final | | | | \boxtimes | Return Receipt Postcard | | |
| | Affidavits/declaration(s) Letter to Official Draftsperson | | Power of Atto (Revocation o | f Prior Powers) | | Certificate of First Class Mailing under 37 C.F.R. 1.8 | | |
| including Drawings [Total Sheets] | | | Terminal Disc | laimer | | Certificate of Facsimile Transmission under 37 C.F.R. 1.8 | | |
| | Petition for Extension of Time | | Executed Declaration and Power of Attorney for Utility or Design Patent Application | | | Additional Enclosure(s) (please identify below) | | |
| ⊠ | Supplemental Information Disclosure Statement (3 pgs.) Form PTO-1449 (12 | | Small Entity S | tatement | | | | |
| | pgs.) Copies of Cited References (B1-B9, C1- C32) | | CD(s) for larg | e table or computer | | | | |
| | Certified Copy of Priority Document(s) | | | Amendment After Allowance | | | | |
| Sequence Listing submission Paper Copy/CD Computer Readable Copy Statement verifying identity of above | | Request for C Correction Certificate duplicate) | | ertificate of | | | | |
| CORF | RESPONDENCE ADDRESS | | | SIGNATURE BLO | CK | | | |
| High Street 125 High S Boston, MA Tel. No.: (6 | | witz & Thibeault, LLP t Tower street | | Date: December 8, 20 Reg. No. 41,059 Tel. No.: (617) 248-7 Fax No.: (617) 248-7 | 7176 | Respectfully submitted, Ira V. Heffan Attorney for the Applicants Testa, Hurwitz & Thibeault, LLP High Street Tower 125 High Street Boston, MA 02110 | | |



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VIRTUAL DATA STORE CREATION AND USE

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. In accordance with the U.S. Patent Office's partial waiver of the requirement under 37 C.F.R. 1.98(a)(2)(i), only copies of the foreign patent documents (B1-B9) and non-patent publications (C1-C32) are enclosed.

Applicants would also like to direct the Examiner's attention to the following related pending patent applications:

| Serial No. | Applicant(s) | Filing Date |
|------------|------------------|-------------|
| 10/668,833 | Rowan et al. | 9/23/03 |
| 10/778,436 | Rowan et al. | 2/13/04 |
| 10/778,561 | Rowan et al. | 2/13/04 |
| 10/799,428 | Rowan et al. | 3/12/04 |
| 10/924,669 | Rowan et al. | 8/24/04 |
| 10/924,655 | Passerini et al. | 8/24/04 |
| 10/924,656 | Passerini | 8/24/04 |

| Serial No. | Applicant(s) | Filing Date |
|------------|----------------|-------------|
| 10/924,582 | Passerini | 8/24/04 |
| 10/924,560 | Perry | 8/24/04 |
| 10/924,640 | Delgado et al. | 8/24/04 |
| 10/924,559 | Darcy | 8/24/04 |
| 10/924,646 | Rowan et al. | 8/24/04 |
| 10/924,668 | Perry et al. | 8/24/04 |
| 10/924,652 | Rowan et al. | 8/24/04 |

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

| (1) | within three (3) months of the filing date of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the first Office action on the merits, or before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. 1.114; or |
|-----|--|
| (2) | after the period defined in (1) but before the mailing date of a final action or a notice of allowance under 37 C.F.R. 1.311, and |
| | the requisite Statement is below, OR |
| | the requisite fee under 37 C.F.R. 1.17(p), namely \$180.00, is included herein, or |
| (3) | after the mailing date of a final action or notice of allowance but before the payment of the issue fee, AND |
| | the requisite Statement is below, AND |
| | the requisite petition fee under 37 C.F.R. 1.17(p), namely \$180.00 is included herein. |
| | |

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

STATEMENT

As required under 37 C.F.R. 1.97(e), Applicants, through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page <u>and</u> the Statement is required]:

- 1. Each item of information contained in the Supplemental Information Disclosure
 Statement was first cited in any communication from a foreign patent office in a
 counterpart foreign application **not more than three months** prior to the filing
 of the Supplemental Information Disclosure Statement; or
- 2. No item of information contained in the Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Supplemental Information Disclosure Statement was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of the Supplemental Information Disclosure Statement.

Date: December 8, 2004

Reg. No. 41,059

Tel. No.: (617) 248-7176 Fax No.: (617) 248-7100 Respectfully submitted,

Ira V. Heffah

Attorney for the Applicants
Testa, Hurwitz & Thibeault, LLP

High Street Tower 125 High Street

Boston, Massachusetts 02110

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SUPPLEMENTAL INFORMATION DISCLOSURE **STATEMENT**

ATTORNEY DOCKET NO.: RVI-003

APPLICANTS: Rowan et al.

SERIAL NO.: 10/780,004

FILING DATE: February 17, 2004

GROUP: 2171

| EXAM. INIT. | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|----------------|-----|--------------------|----------|-----------------|-------|--------------|----------------------------|
| | A38 | 3,444,528 | 5/13/69 | Lovell et al. | | | |
| | A39 | 3,533,082 | 10/6/70 | Schnabel et al. | | ж. | |
| _ | A40 | 3,715,729 | 2/6/73 | Mercy | | | |
| | A41 | 4,141,066 | 2/20/79 | Keiles | * | | |
| | A42 | 4,156,907 | 5/29/79 | Rawlings et al. | | | |
| | A43 | 4,164,017 | 8/7/79 | Randell et al. | | | |
| | A44 | 4,191,996 | 3/4/80 | Chesley | | | |
| · | A45 | 4,351,023 | 9/21/82 | Richer | | | , |
| | A46 | 4,378,588 | 3/29/83 | Katzmann et al. | | | |
| | A47 | 4,403,303 | 9/6/83 | Howes et al. | | | |
| | A48 | 4,453,215 | 6/5/84 | Reid | | | |
| | A49 | 4,459,658 | 7/10/84 | Gabbe et al. | | | |
| • | A50 | 4,479,214 | 10/23/84 | Ryan | | | |
| | A51 | 4,483,001 | 11/13/84 | Ryan | | | |
| | A52 | 4,484,275 | 11/20/84 | Katzman et al. | | | - |
| | A53 | 4,486,826 | 12/4/84 | Wolff et al. | · | | |
| | A54 | 4,498,145 | 2/5/85 | Baker et al. | | | |
| | A55 | 4,507,751 | 3/26/85 | Gawlick et al. | | | |
| | A56 | 4,521,847 | 6/4/85 | Ziehm et al. | | | |
| | A57 | 4,581,701 | 4/8/86 | Hess et al. | | | |
| - | A58 | 4,607,365 | 8/19/86 | Greig et al. | | | |
| | A59 | 4,608,688 | 8/26/86 | Hansen et al. | | | |
| | A60 | 4,639,856 | 1/27/87 | Hrustich et al. | | | |

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| | A61 | 4,648,031 | 3/3/87 | Jenner | | | |
| **** | A62 | 4,652,940 | 3/24/87 | Sumiyoshi | | | |
| | A63 | 4,654,819 | 3/31/87 | Stiffler et al. | | | |
| | A64 | 4,654,857 | 3/31/87 | Samson et al. | | | |
| | A65 | 4,674,038 | 6/16/87 | Brelsford et al. | | | |
| | A66 | 4,703,421 | 10/27/87 | Abrant et al. | | | |
| | A67 | 4,703,481 | 10/27/87 | Fremont | | | |
| | A68 | 4,713,811 | 12/15/87 | Frey | | - | |
| | A69 | 4,727,516 | 2/23/88 | Yoshida et al. | | | |
| | A70 | 4,736,339 | 4/5/88 | Crabbe, Jr. | | | |
| | A71 | 4,750,177 | 6/7/88 | Hendrie et al. | | | |
| | A72 | 4,754,397 | 6/28/88 | Varaiya et al. | | | |
| | A73 | 4,819,154 | 4/4/89 | Stiffler et al. | | | |
| | A74 | 4,878,167 | 10/31/89 | Kapulka et al. | | | |
| | A75 | 4,959,774 | 9/25/90 | Davis | | | |
| | A76 | 5,089,958 | 2/18/92 | Horton et al. | | | |
| | A77 | 5,212,784 | 5/18/93 | Sparks | | | |
| | A78 | 5,241,670 | 8/31/93 | Eastridge et al. | | | |
| | A79 | 5,255,270 | 10/19/93 | Yanai et al. | | | |
| | A80 | 5,269,022 | 12/7/93 | Shinjo et al. | | | |
| | A81 | 5,297,258 | 3/22/94 | Hale et al. | | | |
| | A82 | 5,331,646 | 7/19/94 | Krueger et al. | | | |
| - | A83 | 5,339,406 | 8/16/94 | Carney et al. | | | |
| | A84 | 5,357,509 | 10/18/94 | Ohizumi | | | |

| EXAMINER | DATE CONSIDERED |
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|----------------|------|----------------------|----------|---------------------|-------|--------------|-------------------------------|
| | A85 | 5,404,361 | 4/4/95 | Casoro et al. | | | |
| | A86 | 5,404,508 | 4/4/95 | Konrad et al. | | | |
| | A87 | 5,450,546 | 9/12/95 | Krakirian | | | |
| | A88 | 5,469,573 | 11/21/95 | McGill, III et al. | | | |
| - | A89 | 5,483,468 | 1/9/96 | Chen et al. | | | |
| | A90 | 5,487,160 | 1/23/96 | Bemis | | | |
| | A91 | 5,524,205 | 6/4/96 | Lomet et al. | | | |
| | A92 | 5,530,846 | 6/25/96 | Strong | | | |
| | A93 | 5,535,188 | 7/9/96 | Dang et al. | | | |
| | A94 | 5,557,770 | 9/17/96 | Bhide et al. | | | |
| | A95 | 5,572,659 | 11/5/96 | Iwasa et al. | | | |
| | A96 | 5,592,648 | 1/7/97 | Schultz et al. | | | |
| | A97 | 5,598,528 | 1/28/97 | Larson et al. | | | |
| | A98 | 5,604,853 | 2/18/97 | Nagashima | | - | |
| | A99 | 5,604,862 | 2/18/97 | Midgely et al. | | | · |
| | A100 | 5,623,598 | 4/22/97 | Voigt et al. | | | |
| | A101 | 5,634,096 | 5/27/97 | Baylor et al. | | | |
| _ | A102 | 5,638,509 | 6/10/97 | Dunphy et al. | | | |
| | A103 | 5,640,561 | 6/17/97 | Satoh et al. | | | |
| | A104 | 5,649,152 | 7/15/97 | Ohran et al. | | | |
| | A105 | 5,659,747 | 8/19/97 | Nakajima | | | |
| | A106 | 5,677,952 | 10/14/97 | Blakley, III et al. | | | |
| | A107 | 5,715,438 | 2/3/98 | Silha | | | |
| | A108 | 5,717,849 | 2/10/98 | Brady | | | |

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|----------------|------|--------------------|----------|-----------------|-------|--------------|-------------------------------|
| | A109 | 5,724,501 | 3/3/98 | Dewey et al. | | | |
| | A110 | 5,729,719 | 3/17/98 | Gates | | | |
| | A111 | 5,740,397 | 4/14/98 | Levy | | | |
| | A112 | 5,740,433 | 4/14/98 | Carr et al. | | | |
| | A113 | 5,742,792 | 4/21/98 | Yanai et al. | | | |
| | A114 | 5,751,936 | 5/12/98 | Larson et al. | | | |
| | A115 | 5,758,057 | 5/26/98 | Baba et al. | | | |
| | A116 | 5,761,680 | 6/2/98 | Cohen et al. | | | |
| | A117 | 5,777,874 | 7/7/98 | Flood et al. | | | |
| | A118 | 5,778,392 | 7/7/98 | Stockman et al. | | | |
| | A119 | 5,799,141 | 8/25/98 | Galipeau et al. | | | |
| | A120 | 5,802,264 | 9/1/98 | Chen et al. | | | |
| | A121 | 5,809,340 | 9/15/98 | Bertone et al. | | | |
| | A122 | 5,829,045 | 10/27/98 | Motoyama | | | : |
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| | A124 | 5,835,915 | 11/10/98 | Carr et al. | | | |
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| | A127 | 5,893,140 | 4/6/99 | Vahalia et al. | | | |
| | A128 | 5,907,685 | 5/25/99 | Douceur | | | |
| | A129 | 5,933,368 | 8/3/99 | Ma et al. | | | |
| | A130 | 5,961,613 | 10/5/99 | DeNicola | | | |
| | A131 | 5,982,886 | 11/9/99 | Itami et al. | | | , |
| | A132 | 5,996,088 | 11/30/99 | Frank et al. | | | |

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|----------------|------|--------------------|-----------|------------------|-------|--------------|-------------------------------|
| | A133 | 6,000,020 | 12/7/99 | Chin et al. | | | |
| | A134 | 6,012,145 | 1/4/00 | Mathers et al. | | | |
| | A135 | 6,014,690 | 1/11/00 | Van Doren et al. | · | | |
| | A136 | 6,018,746 | 1/25/00 | Hill et al. | | | |
| , | A137 | 6,035,306 | 3/7/00 | Lowenthal et al. | | | |
| _ | A138 | 6,041,420 | 3/21/00 | Skarpelos et al. | | | |
| | A139 | 6,044,444 | 3/28/00 | Ofek | | | |
| | A140 | 6,054,987 | 4/25/00 | Richardson | | | |
| | A141 | 6,061,770 | 5/9/00 | Franklin | | | |
| | A142 | 6,064,247 | 5/16/00 | Krakirian | | | |
| | A143 | 6,078,990 | 6/20/00 | Frazier | | | |
| | A144 | 6,079,000 | 6/20/00 | Cooper et al. | | | |
| | A145 | 6,081,877 | 6/27/00 | Taki | | | |
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| , | A147 | 6,122,664 | 9/19/00 · | Boukobza et al. | · | | |
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| EXAM. INIT. | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|--|------|--------------------|----------|--------------------|-------|--------------|-------------------------------|
| | A157 | 6,363,487 B1 | 3/26/02 | Schneider | | | |
| • | A158 | 6,366,987 B1 | 4/2/02 | Tzelnic et al. | | | |
| | A159 | 6,369,820 B1 | 4/9/02 | Bertram et al. | | | |
| <u> </u> | A160 | 6,374,363 B1 | 4/16/02 | Wu et al. | | | |
| | A161 | 6,381,635 B1 | 4/30/02 | Hoyer et al. | | | |
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| | A163 | 6,430,577 B1 | 8/6/02 | Hart | | | |
| | A164 | 6,434,681 B1 | 8/13/02 | Armangau | | | |
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| | A174 | 6,553,392 B1 | 4/22/03 | Mosher, Jr. et al. | | | · |
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|----------------|-------|--------------------|----------|----------------------|-------|--------------|-------------------------------|
| | A181 | 6,643,671 B2 | 11/4/03 | Milillo et al. | | | |
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| | A186 | 6,684,229 B1 | 1/27/04 | Luong et al. | | | |
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